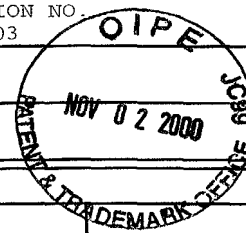


FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.4450001APPLICATION NO.
09/613,903APPLICANT
Jordan, H.J.FILING DATE
July 11, 2000GROUP
1631

U.S. PATENT DOCUMENTS

1634

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
BZL	AA1	4,403,036	09/06/1983	Hartley, J.L. et al.	435	317	12/02/1980
	AB1	4,415,732	11/15/1983	Caruthers, M.H. et al.	536	27	03/27/1981
	AC1	4,458,066	07/03/1984	Caruthers, M.H. et al.	536	27	03/24/1981
	AD1	4,500,707	02/19/1985	Caruthers, M.H. et al.	536	27	03/16/1982
	AE1	4,668,777	05/26/1987	Caruthers, M.H. et al.	536	27	08/06/1984
	AF1	4,900,659	02/13/1990	Lo, A. et al.	435	6	01/30/1986
	AG1	5,030,566	07/09/1991	Son, M. et al.	435	91	01/04/1989
	AH1	5,108,179	04/28/1992	Myers, S.A.	356	344	08/09/1989
	AI1	5,316,908	05/31/1994	Carlson, D.P. et al.	435	6	07/13/1990
	AJ1	5,714,326	02/03/1998	Dawson, E.P.	435	6	12/05/1994
BZL	AK1	5,792,664	08/11/1998	Chait et al.	436	89	06/07/1995

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
BZL	AL1	JP 63-113359	05/18/1988	Japan			Abstract Yes No
	AM1	WO 91/18095	11/28/1991	WIPO			Yes No
	AN1	EP 0 466 404 A1	01/15/1992	Europe			Yes No
	AO1	WO 93/14224	07/22/1993	WIPO			Yes No
BZL	AP1	WO 95/11971	05/04/1995	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

BZL	AR	1	Bayou Biolabs (Harahan, LA) Products for Molecular Biology 1998 Catalog, "DNA Ladders," pp. 2-3.
	AS	1	Bernards, A. et al., "Pulsed field gradient electrophoresis of DNA digested in agarose allows the sizing of the large duplication unit of a surface antigen gene in trypanosomes," Chemical Abstracts 105:187, Abstract No. 92470r (1986).
BZL	AT	1	Carman, W.F. and C. Williamson, "Detection of Enzymatically Amplified Human Immunodeficiency Virus DNA by Oligonucleotide Solution Hybridization and by Incorporation of Radiolabeled Deoxynucleotides," J. Clin. Microbiol. 27:2570-2573 (1989).

EXAMINER

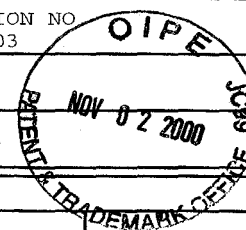
B. L. Sison

DATE CONSIDERED

2-6-02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0942.4450001	APPLICATION NO. 09/613,903
	APPLICANT Jordan, H.J.	
	FILING DATE July 11, 2000	GROUP 1631/634



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
B7H	AA2	5,840,575	11/24/1998	Hyman, E.D.	435	320.1	01/10/1997
B7H	AB2	5,939,293	08/17/1999	Hyman, E.D.	435	91.5	06/05/1998
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FOREIGN PATENT DOCUMENTS

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	AP						Yes No

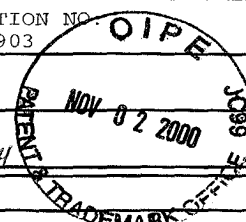
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

B7H	AR	2	Gensura (Del Mar, CA) Winter 1997-98 Product Description, "Superladder-mid2 1 Kb ladder," three pages.
1	AS	2	Gralla, J.D., "Rapid 'footprinting' on supercoiled DNA," <i>Proc. Natl. Acad. Sci. USA</i> 82:3078-3081 (1985).
B7H	AT	2	Huang, J. et al., "Restriction endonuclease analysis of granulosis virus DNA of <i>Agrotis exclamationis</i> Linnaeus," <i>Chemical Abstracts</i> 107:175, Abstract No. 34093a (1987).

EXAMINER B. L. Simon	DATE CONSIDERED 2-6-02
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
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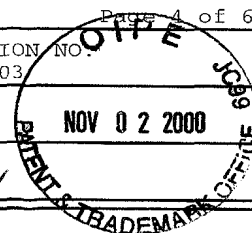
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

Bxf	AR	3	Invitrogen (Carlsbad, CA) 1997 Product Catalog, "1 Kb Ladder," p. 113.
	AS	3	Jones, C.P. et al., "Separation of yeast chromosomes in the megabase range suitable as size markers for pulsed-field gel electrophoresis," <i>Chemical Abstracts</i> 112:172, Abstract No. 230760h (1990).
Bxf	AT	3	Life Technologies (Gaithersburg, MD) GIBCO BRL 1997/1998 Products and Reference Guide, "1 Kb DNA Ladder," p. 16-5.

EXAMINER <i>B. L. Siler</i>	DATE CONSIDERED <i>2-6-02</i>
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U.S. PATENT DOCUMENTS							
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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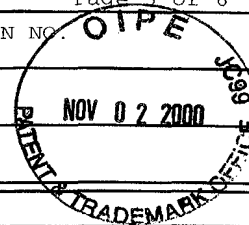
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
BPF	AR	4	Mathew, M.K. et al., "High-Resolution Separation and Accurate Size Determination in Pulsed-Field Gel Electrophoresis of DNA. 1. DNA Size Standards and the Effect of Agarose and Temperature," <i>Biochemistry</i> 27:9204-9210 (1988).
	AS	4	Minter, S. and P. Sealey, "Nucleic Acid Molecular Weight Markers," In: <i>Gel electrophoresis of nucleic acids: a practical approach</i> , Rickwood, D. and B.D. Hames, eds., IRL Press, Washington, D.C., pp. 227-232 (1982).
B&B	AT	4	Pharmacia Biotech (Piscataway, NJ) 1997 Biodirectory Product Catalog, "KiloBase DNA Marker," p. 58.

EXAMINER <i>B. J. Simon</i>	DATE CONSIDERED <i>2-6-02</i>
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FORM PTO-1449

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	AM						Yes No
	AN						Yes No
	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

B&F	AR	5	Promega (Madison, WI) 1997 Biological Research Products Catalog, "1kb DNA Ladder," p. 17.
	AS	5	Sigma (St. Louis, MO) 1997 Biochemicals and Reagents for Life Science Research Catalog, "DNA Ladder, 1 kb," p. 1530.
B&F	AT	5	Stratagene (La Jolla, CA) 1997/1998 Catalog, "Kb DNA Ladder," p. 130.

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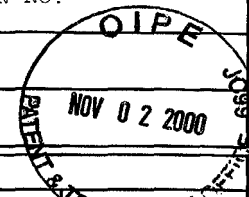
B. J. Lison

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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

B&P	AR	6	English language abstract of Japanese Patent No. 63-113359, WPI Accession No. 88-177809 (1988).
B7P	AS	6	Novagen (Milwaukee, WI) 1997 Catalog, pp. 115-117 (1997).
	AT		

EXAMINER <i>B. L. Lison</i>	DATE CONSIDERED <i>2-6-02</i>
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